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SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: PETRANICK, MEREDITH Examiner #: 77020 Date: 5/29/02
Art Unit: 3671 Phone Number 305 0047 Serial Number: 091882928
Mail Box and Bldg/Room Location: CPK5 2A02 Results Format Preferred (circle): PAPER DISK E-MAIL

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Title of Invention: HYDRO - MECHANICAL TRANSMISSION

Inventors (please provide full names): JOACHIM HORSCH

Earliest Priority Filing Date: 1/31/2000

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

LITIGATION SEARCH FOR US PAT NO 5,865,700
INVENTOR JOACHIM HORSCH

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Type of Search		Vendors and cost where applicable
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Date Completed: <u>5/29/02</u>	Litigation <input checked="" type="checkbox"/>	Lexis/Nexis <input checked="" type="checkbox"/>
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Search statement 1

Query/Command : us5865700/pn

** SS 1: Results 1

Search statement 2

Query/Command : prt full nonstop legalall

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image
PN - US5865700 A 19990202 [US5865700]
TI - (A) Hydro-mechanical transmission
PA - (A) CASE CORP (US)
IN - (A) HORSCH JOACHIM (US)
AP - US84719597 19970501 [1997US-0847195]

PR - US84719597 19970501 [1997US-0847195]
IC - (A) F16H-047/04
EC - F16H-047/04
PCL - ORIGINAL (O) : 475072000; CROSS-REFERENCE (X) : 475078000
475082000
DT - Corresponding document
CT - US3396607; US3714846; US3744344; US3796111; US3903756; US4019404;
US4138907; US4259881; US4348855; US4471668; US4487002; US4694648;
US4913004; US5024278; US5494142; US5505267; US5549185; US5667452;
EP0444472 A2; DE4311084 C1
STG - (A) United States patent
AB - A hydro-mechanical transmission for an agricultural work vehicle
is provided including a motor, a clutch and a differential
assembly. The clutch which is rotatably supported by a housing
includes first and second input shafts and a first output shaft.
The first output shaft is configured to selectively couple to the
first and second input shafts. The motor is coupled to the second
input shaft, and the differential assembly which is rotatably
supported by the housing is coupled to the first output shaft. The
differential assembly includes a third input shaft coupled to the
first output shaft, and a fourth input shaft coupled to the
motor, and a second output shaft. The speed of the second output
shaft is a combination of the speeds of the third and fourth input
shafts.

1 / 1 LGST - ©LEGSTAT
PN - US 5865700 [US5865700]
AP - US 847195/97 19970501 [1997US-0847195]
DT - US-P
ACT - 19970501 US/AE-A
APPLICATION DATA (PATENT)
US 847195/97 19970501 [1997US-0847195]

19970501 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
CASE CORPORATION 700 STATE STREET RACINE, WISCONSIN 53404 *
HORSCH, JOACHIM : 19970417

19990202 US/A
PATENT

20000328 US/RF
REISSUE APPLICATION FILED
20000131

20010925 US/RF
REISSUE APPLICATION FILED
20010615

UP - 2001-40

1 / 1 CRXX - ©CLAIMS/RRX
PN - 5,865,700 A 19990202 [US5865700]
PA - Case Corp
ACT - 20000131 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20000328
REISSUE REQUEST NUMBER: 09/496181
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3681
Reissue Patent Number: USRE37458

20010615 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010925
REISSUE REQUEST NUMBER: 09/882928
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3681

Reissue Patent Number:

1 / 2 PAST - ©Thomson Derwent
AN - 200139-001731
PN - 5865700 A [US5865700]
OG - 2001-09-25
ACT - REISSUE APPLICATION FILED

2 / 2 PAST - ©Thomson Derwent
AN - 200013-001129
PN - 5865700 A [US5865700]
OG - 2000-03-28
ACT - REISSUE APPLICATION FILED

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Search statement 1

Query/Command : fam us5865700/pn

1 Patent Groups
** SS 1: Results 7

Search statement 2

Query/Command : famstate nonstop

1 / 7 INPADOC - ©INPADOC

PN - AU 741373 B2 20011129 [AU-741373]
TI - HYDRO-MECHANICAL TRANSMISSION
IN - HORSCH JOACHIM
PA - CASE CORP
AP - AU 72689/98-A 19980430 [1998AU-0072689]
PR - US 847195/97-A 19970501 [1997US-0847195]
WO 9808712/98(US)-W 19980430 [1998WO-US08712]
IC - F16H-047/04; A01F-012/56

2 / 7 INPADOC - ©INPADOC

PN - AU 72689/98 A1 19981124 [AU9872689]
TI - HYDRO-MECHANICAL TRANSMISSION
IN - HORSCH JOACHIM
PA - CASE CORP
AP - AU 72689/98-A 19980430 [1998AU-0072689]
PR - US 847195/97-A 19970501 [1997US-0847195]
WO 9808712/98(US)-W 19980430 [1998WO-US08712]
IC - F16H-047/04; A01F-012/56

3 / 7 INPADOC - ©INPADOC

PN - BR 9815468 A 20010821 [BR9815468]
TI - TRANSMISSAO HIDROMEC NICA
IN - HORSCH JOACHIM
PA - CASE CORP [US]
AP - BR 9815468/98-A 19980430 [1998BR-0015468]
PR - US 847195/97-A 19970501 [1997US-0847195]
WO 9808712/98(US)-W 19980430 [1998WO-US08712]
IC - F16H-047/04; A01F-012/56

4 / 7 INPADOC - ©INPADOC

PN - EP 979364 A1 20000216 [EP-979364]
TI - HYDRO-MECHANICAL TRANSMISSION
LA - ENG
IN - HORSCH JOACHIM [US]
PA - CASE CORP [US]
AP - EP 98920032/98-A 19980430 [1998EP-0920032]
PR - WO 9808712/98(US)-W 19980430 [1998WO-US08712]
US 847195/97-A 19970501 [1997US-0847195]
IC - F16H-047/04; A01F-012/56
DS - BE* DE*

1 / 1 LEGALI - ©LEGSTAT

PN - EP 979364 [EP-979364]
AP - EP 98920032/98 19980430 [1998EP-0920032]
DT - EP-P
ACTE - 19980430 EP/AE-A
EP-APPLICATION
EP 98920032/98 19980430 [1998EP-0920032]

20000216 EP/AK-A1 [+]
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH
REPORT:
BE DE

20000216 EP/A1 [+]

PUBLICATION OF APPLICATION WITH SEARCH REPORT

20000216 EP/17P [+]
REQUEST FOR EXAMINATION FILED
19991109

20020515 EP/RAP1
APPLICANT REASSIGNMENT (CORRECTION)
NEW HOLLAND BELGIUM N.V.

UP - 2002-20

5 / 7 INPADOC - ©INPADOC
PN - US 37458 E1 20011127 [US--37458]
TI - HYDRO-MECHANICAL TRANSMISSION
IN - HORSCH JOACHIM [US]
PA - CASE CORP [US]
AP - US 496181/00-A 20000131 [2000US-0496181]
PR - US 496181/00-A 20000131 [2000US-0496181]
US 847195/97-A5 19970501 [1997US-0847195]
IC - F16H-047/04

6 / 7 INPADOC - ©INPADOC
PN - US 5865700 A 19990202 [US5865700]
TI - HYDRO-MECHANICAL TRANSMISSION
IN - HORSCH JOACHIM [US]
PA - CASE CORP [US]
AP - US 847195/97-A 19970501 [1997US-0847195]
PR - US 847195/97-A 19970501 [1997US-0847195]
IC - F16H-047/04

1 / 1 LEGALI - ©LEGSTAT
PN - US 5865700 [US5865700]
AP - US 847195/97 19970501 [1997US-0847195]
DT - US-P
ACTE - 19970501 US/AE-A
APPLICATION DATA (PATENT)
US 847195/97 19970501 [1997US-0847195]

19970501 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
CASE CORPORATION 700 STATE STREET RACINE, WISCONSIN 53404 *
HORSCH, JOACHIM : 19970417

19990202 US/A
PATENT

20000328 US/RF
REISSUE APPLICATION FILED
20000131

20010925 US/RF
REISSUE APPLICATION FILED
20010615

UP - 2001-40

7 / 7 INPADOC - ©INPADOC
PN - WO 9849471 A1 19981105 [WO9849471]
TI - HYDRO-MECHANICAL TRANSMISSION
LA - ENG

IN - HORSCH JOACHIM
PA - CASE CORP [US]
AP - WO US 9808712/98(US)-A 19980430 [1998WO-US08712]
PR - US 847195/97-A 19970501 [1997US-0847195]
IC - F16H-047/04; A01F-012/56
DS - AU* BR* CA* RU* UA* AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL
PT SE

1 / 1 LEGALI - ©LEGSTAT
PN - WO 9849471 [WO9849471]
AP - WO 9808712/98(US) 19980430 [1998WO-US08712]
DT - WO-P
ACTE - 19980430 WO/AE-A
APPLICATION DATA
WO 9808712/98(US) 19980430 [1998WO-US08712]

19981105 WO/AK-A1 [+]
DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH
REPORT
AU BR CA RU UA

19981105 WO/AL-A1 [+]
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED
APPLICATION WITH SEARCH REPORT
AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

19981105 WO/A1 [+]
PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE
INTERNATIONAL SEARCH REPORT

19990225 WO/DFPE
REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF
19TH MONTH FROM PRIORITY DATE

19990407 WO/121
EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN
THIS APPLICATION

20001101 WO/NENP
NON-ENTRY INTO THE NATIONAL PHASE IN:
CA
<CA>

UP - 2000-47

Query/Command : ..st

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Terms: **patno=5865700** ([Edit Search](#))

*Pat. No. 5865700, **

5,865,700

◆ [GET 1st DRAWING SHEET OF 3](#)

Feb. 2, 1999

Hydro-mechanical transmission

REISSUE: This Patent was reissued on Nov. 27, 2001 as Reissue Patent Re 37,458.

Reissue Application filed Jun. 15, 2001 (O.G. Sep. 25, 2001) Ex. Gp.: 3681; Re. S.N. 09/882,928

Reissue Application filed Jan. 31, 2000 (O.G. Mar. 28, 2000) Ex. Gp.: 3681; Re. S.N. 09/496,181

INVENTOR: Horsch, Joachim, Lombard, Illinois

ASSIGNEE-AT-ISSUE: Case Corporation, Racine, Wisconsin (02)

APPL-NO: 847,195


FILED: May 1, 1997

INT-CL: [6] F16H 47#04

US-CL: 475#72; 475#78; 475#82

PRIM-EXMR: Ta, Khol Q.

CORE TERMS: shaft, input, coupled, clutch, transmission, rotational, rotor, gear, housing, differential...

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Segments: After-issue, Appl-no, Assign-action, Assign-contact, Assign-date, Assign-frame, Assign-reel, Assignee, Assignor-info, Asst-exmr, At-issue, Certcorr, Date, Disclaimer, Exmr, Expiration-date, Filed, Govt-int, Int-cl, Inventor, Lit-reex, Patno, Pct-filed, Pct-no, Pct-pub-date, Pct-pub-no, Prim-exmr, Reex-cert, Reissue, Rel-us-data, Title, Us-cl

Date/Time: Wednesday, May 29, 2002 - 10:47 AM EDT

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